

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 5-20-99 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings Black ink Color

Color drawings are not acceptable until petition is granted.
 Fig(s) _____
 Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b) 1 full-tone set is required. Fig(s) _____ Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(c) Paper not flexible, strong, white, and durable. Fig(s) _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ Mylar, velum paper is not acceptable (too thin). Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes. 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) _____ Drawing sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins. Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) 1,2 Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2)
 Brackets needed to show figure as one entity.
 Fig(s) _____
 Views not labeled separately or properly.
 Fig(s) _____
 Enlarged view not labeled separately or properly.
 Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Fig(s) _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Words do not appear on a horizontal, left-to-right fashion
 when page is either upright or turned so that the top
 becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

Scale not large enough to show mechanism without
 crowding when drawing is reduced in size to two-thirds in
 reproduction.
 Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(j)

Lines, numbers & letters not uniformly thick and well
 defined, clean, durable, and black (poor line quality).
 Fig(s) 1,2

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s) _____
 Solid black shading not permitted. Fig(s) 1,2
 Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

Numbers and reference characters not plain and legible.
 Fig(s) 1,2
 Figure legends are poor. Fig(s) 1,2
 Numbers and reference characters not oriented in the
 same direction as the view. 37 CFR 1.84(p)(1)
 Fig(s) _____
 English alphabet not used. 37 CFR 1.84(p)(2)
 Figs _____
 Numbers, letters and reference characters must be at least
 32 cm (1.8 inch) in height. 37 CFR 1.84(p)(3)
 Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig(s) _____
 Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)

Sheets not numbered consecutively, and in Arabic numerals
 beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals,
 beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from prior PTO-948
 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast.
 Fig(s) _____

COMMENTS

REVIEWER Jc

DATE 9-24-99

TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. _____

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name of the applicant, as shown on the previous drawing sheet, if the Office is unable to match the drawings to the proper application, should be placed on the first or each sheet of drawings in accordance with 37 CFR 1.84(c). Applicants may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL 37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawings should be filed on a separate page or sheet and should be addressed to the Drawing Processing Branch.

2. Timing for Corrections

An applicant is required to submit acceptable corrected drawings within the time and the stated mandatory period set by the Notice of Allowability (PTOL 37). If a correction to a drawing is not acceptable by the date of submission of a response to a rejection, an applicant may, at any time, file a drawing which is acceptable and the priority of the original filing date will be maintained. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take prompt action within set time may result in the **ABANDONMENT** of the Application.

3. Corrections other than Informalities Noted by the Drawing Office on the Form PTO-948

Any changes to the drawings other than informalities noted by the Drawing Office **MUST** be approved by the examiner before the application will be allowed. No changes or amendments may be made other than correction of informalities unless the examiner has approved the proposed changes.